

Title (en)
Embossed-in register manufacturing process

Title (de)
Geprägtes Registerherstellungsverfahren

Title (fr)
Procédé de fabrication d'enregistrement gaufré

Publication
EP 2338675 A1 20110629 (EN)

Application
EP 11000614 A 20020712

Priority
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Abstract (en)
A method of producing embossed-in-register building products. Reference edges are milled on a board (4). A resin soaked paper (8) having a decorative motif is located on that board using the reference edges as a guide such that the decorative motif has a predetermined position relative to the reference edges. The board (4) and paper (8) are then located in a press machine having a press plate with a three dimensional surface that is registered with the decorative motif. The press plate presses into the board (4) and paper (8) at a predetermined pressure and predetermined temperature to set the resin, producing a final product. Resin and paper parameters are carefully controlled. The press plate is manufactured such that the plate's surface registers with the decorative motif when the press plate is hot. Appropriate hollowing and milling of the board (4) can even out pressure distributions and to provide a completely closed surface without porosity.

IPC 8 full level
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CPC (source: EP US)
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